

Fig. 1

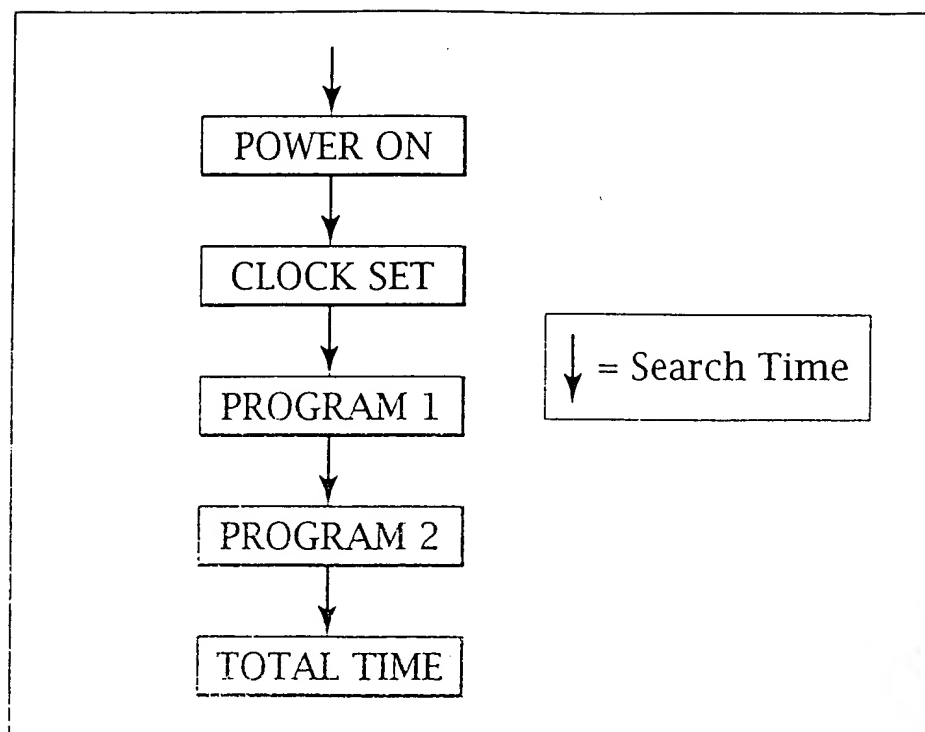
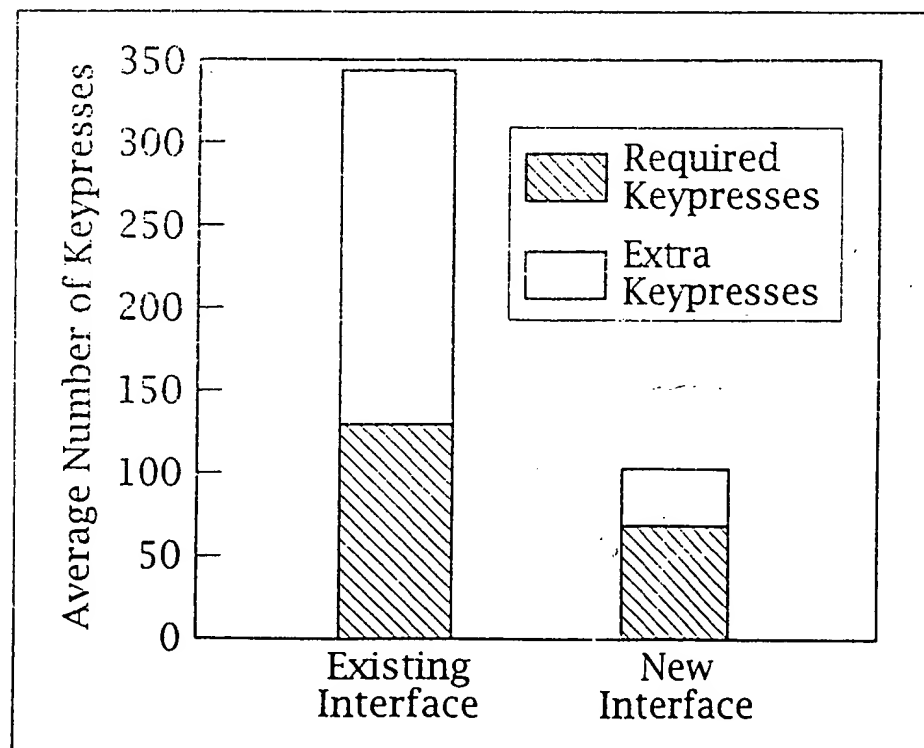


Fig. 2



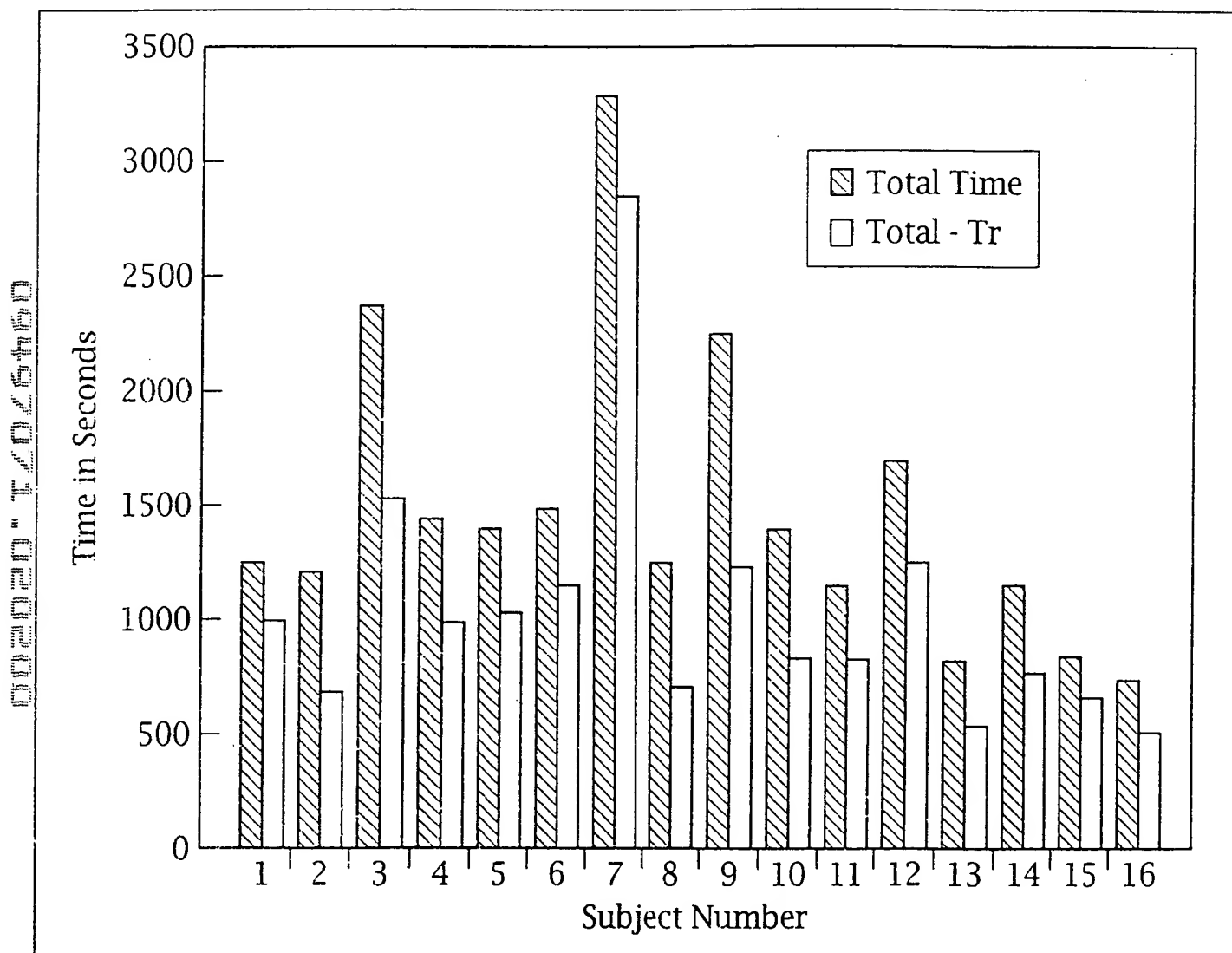


Fig. 3

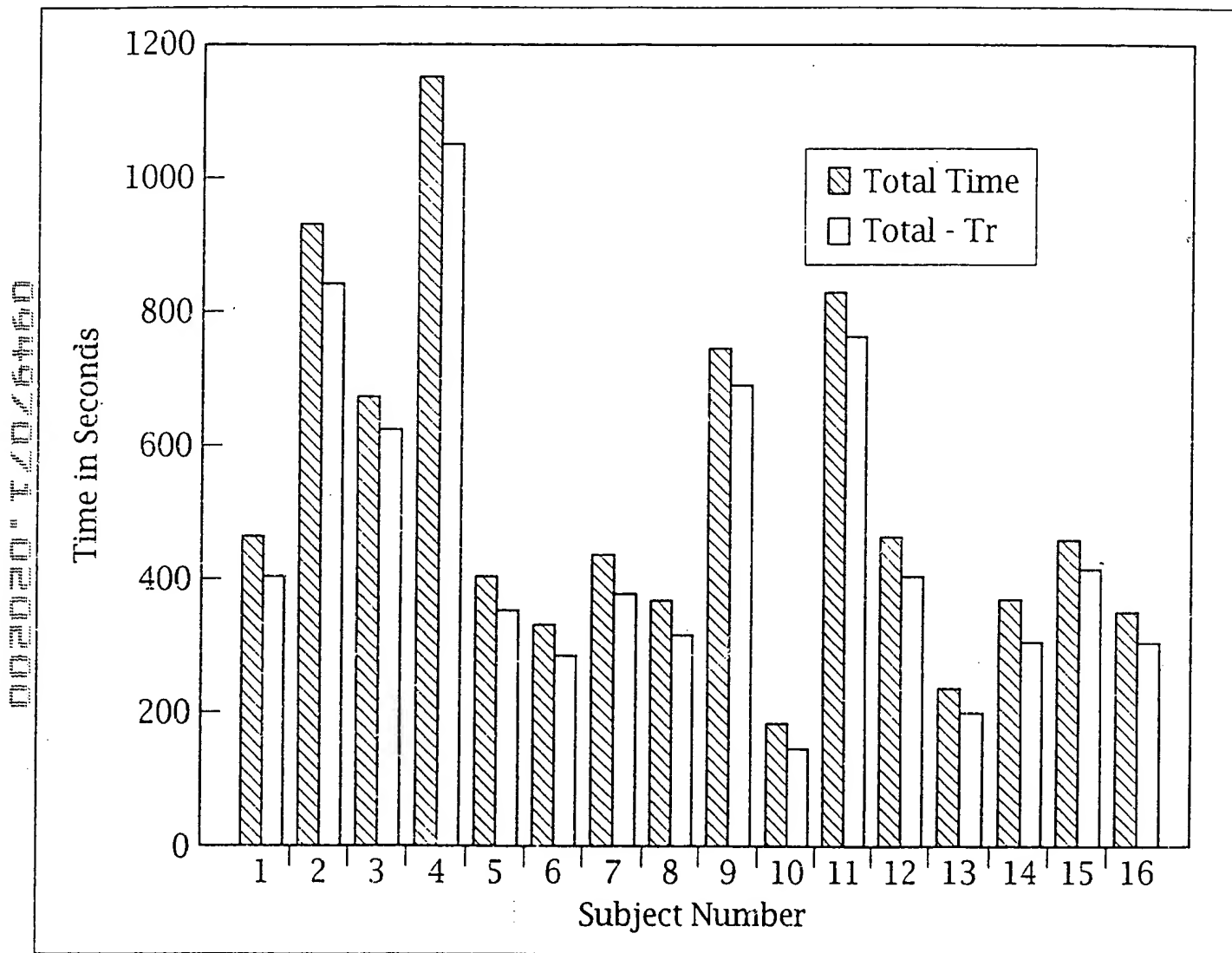


Fig. 4

002020-120450

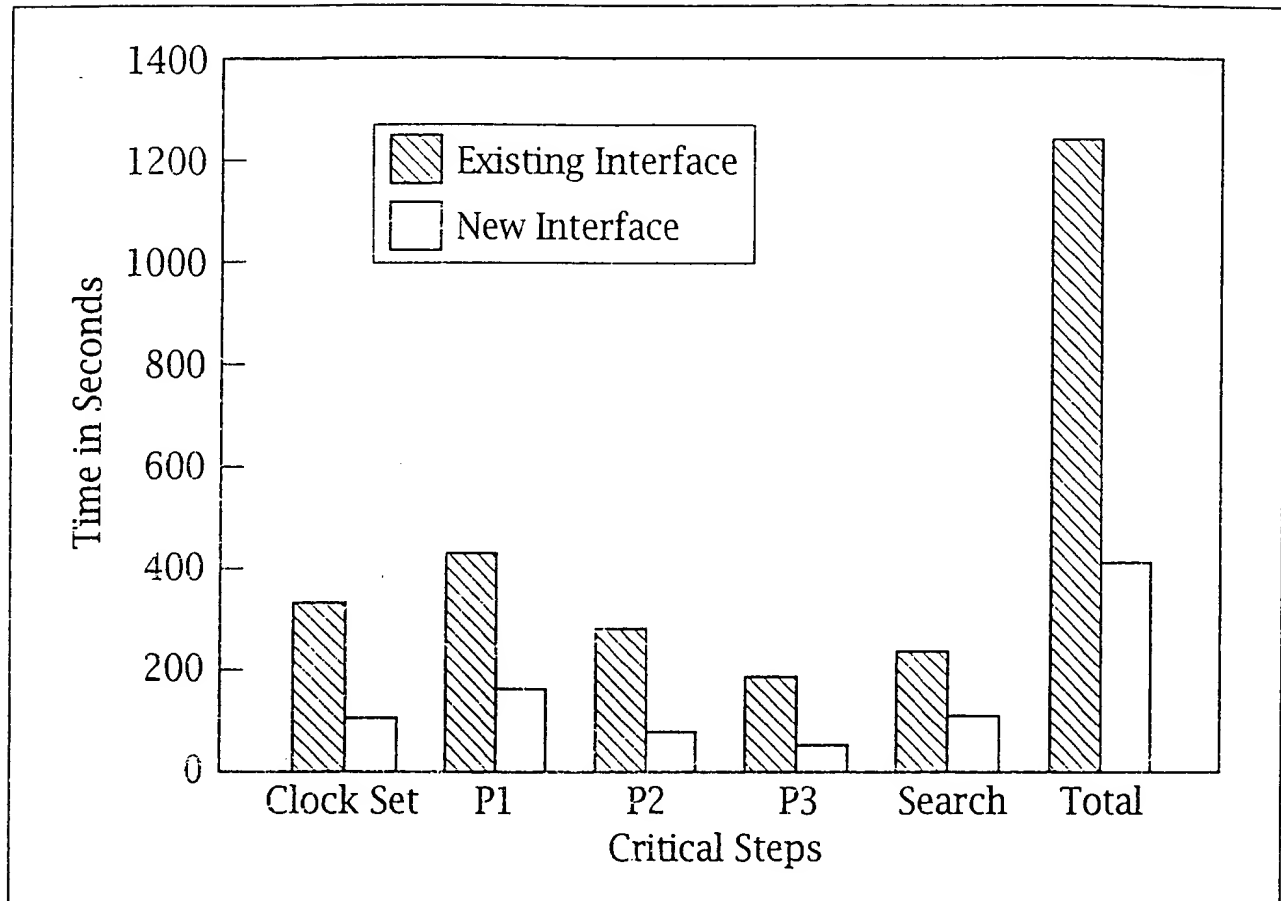


Fig. 5

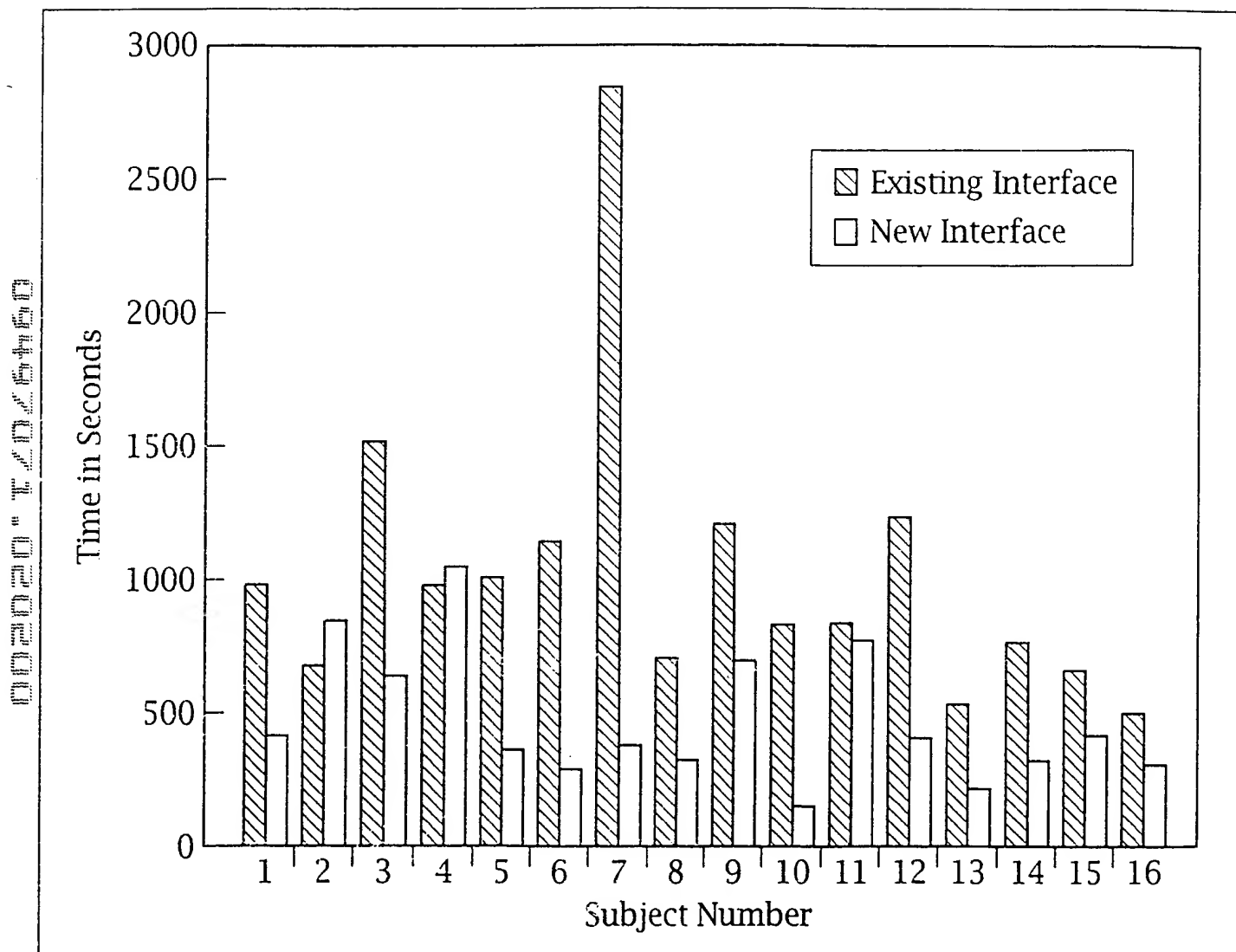


Fig. 6

002020" 7/02/6450

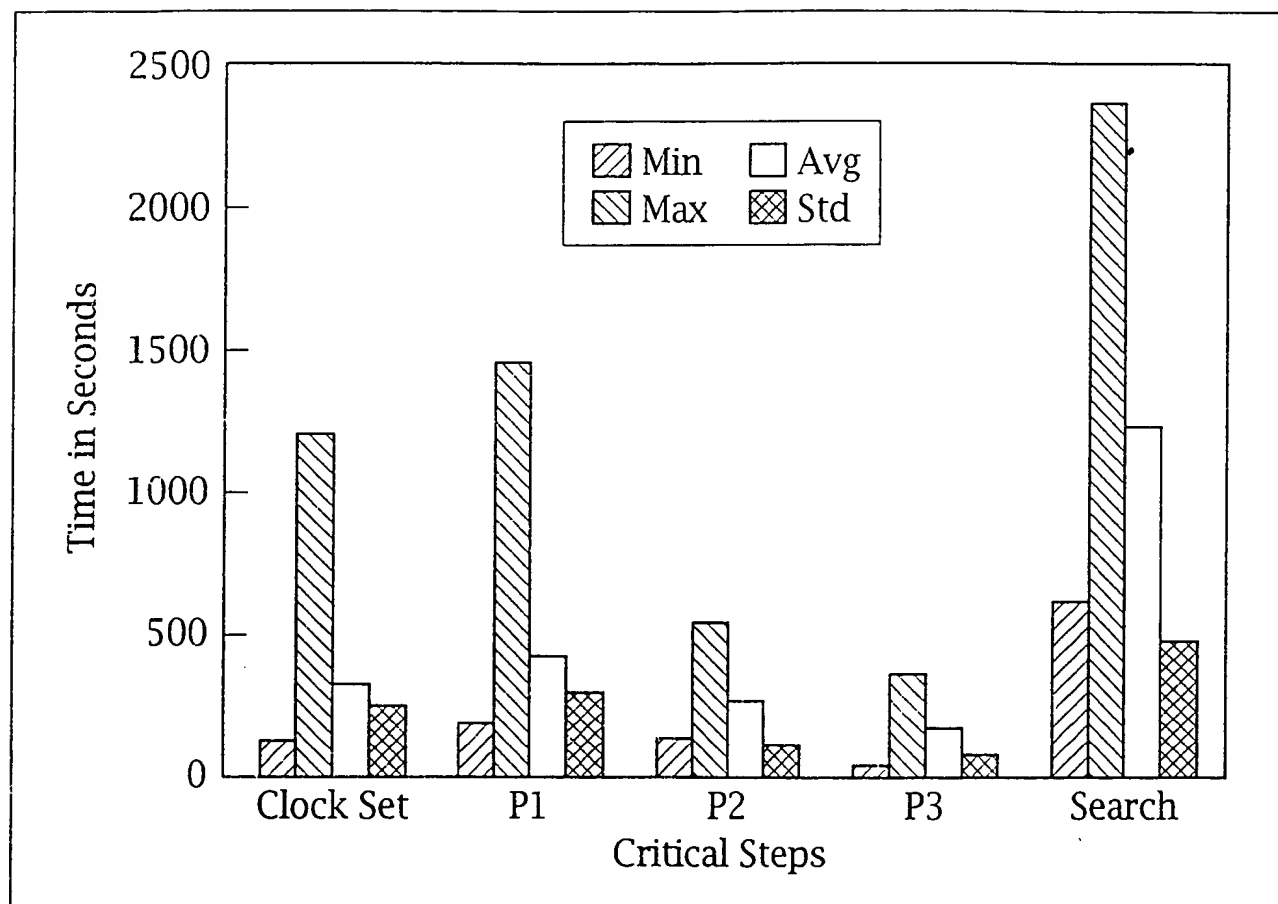


Fig. 7

002020 " F 7 9 4 5 0

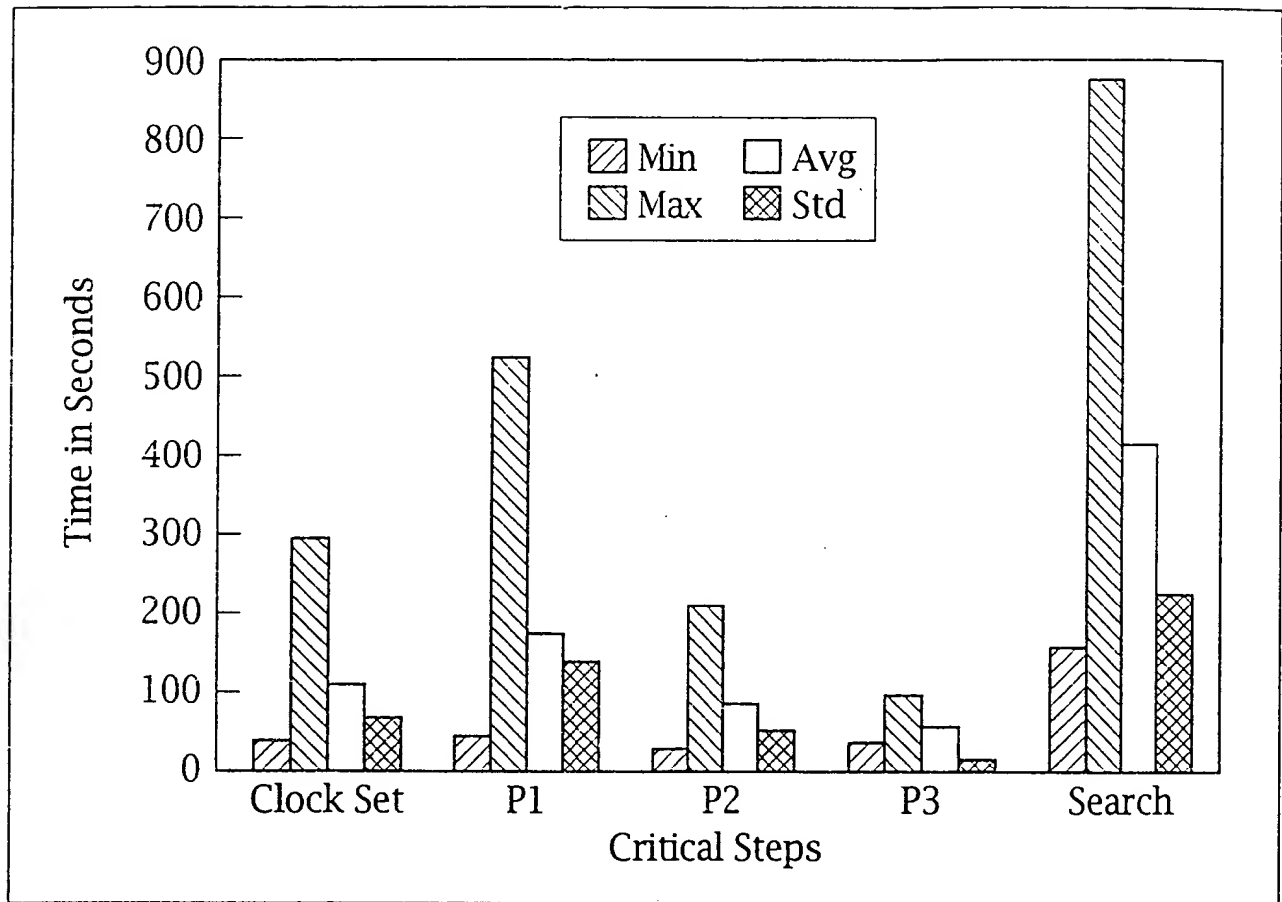
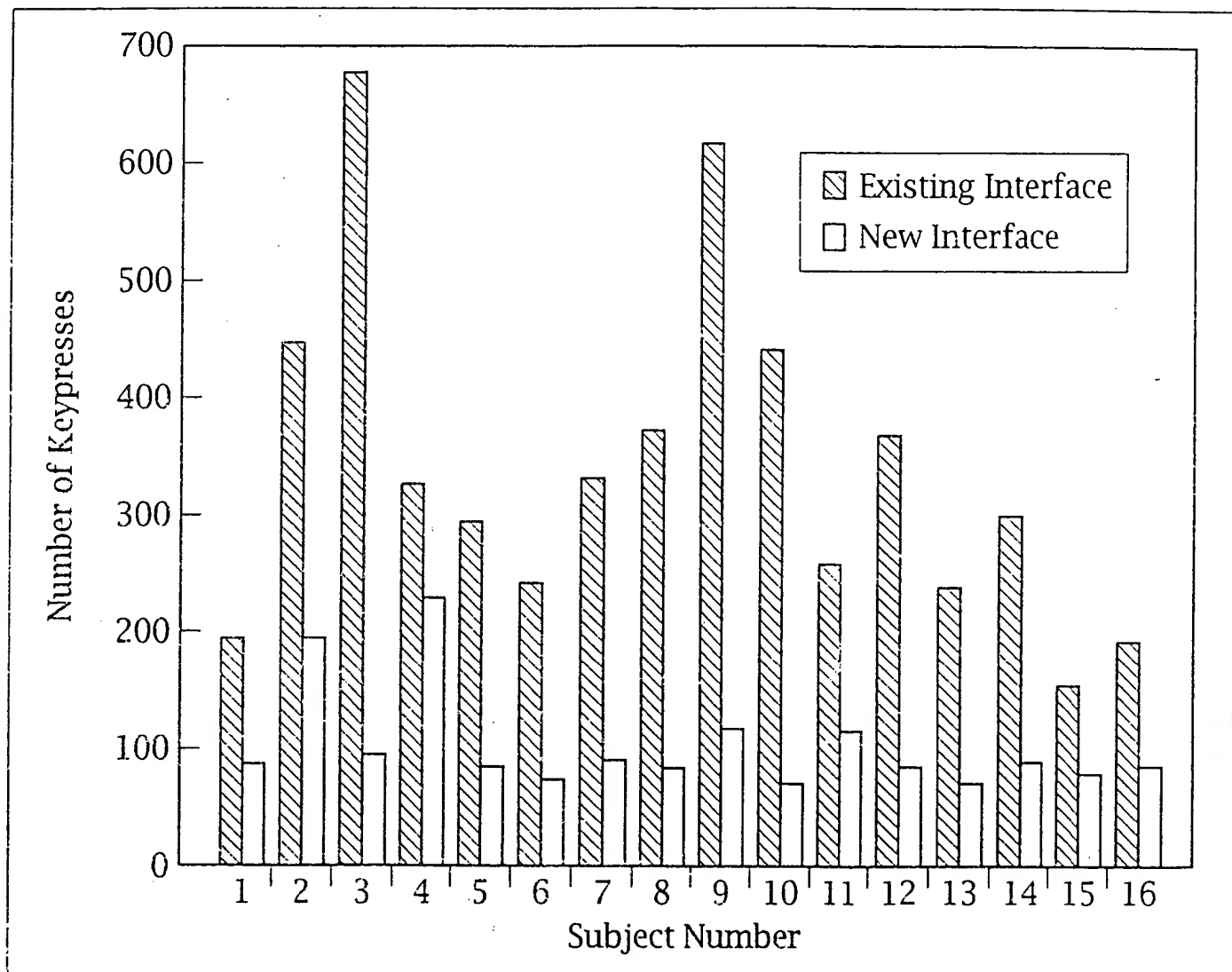


Fig. 8

*Fig. 9*

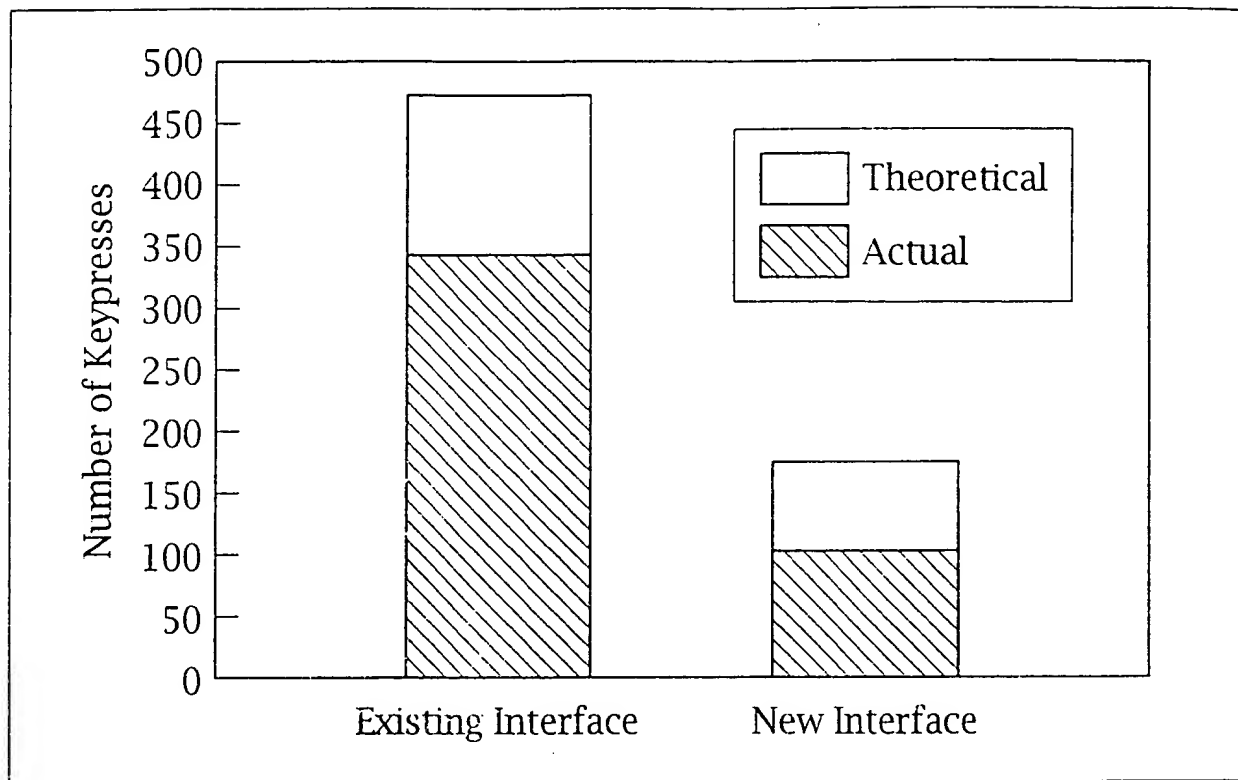


Fig. 10

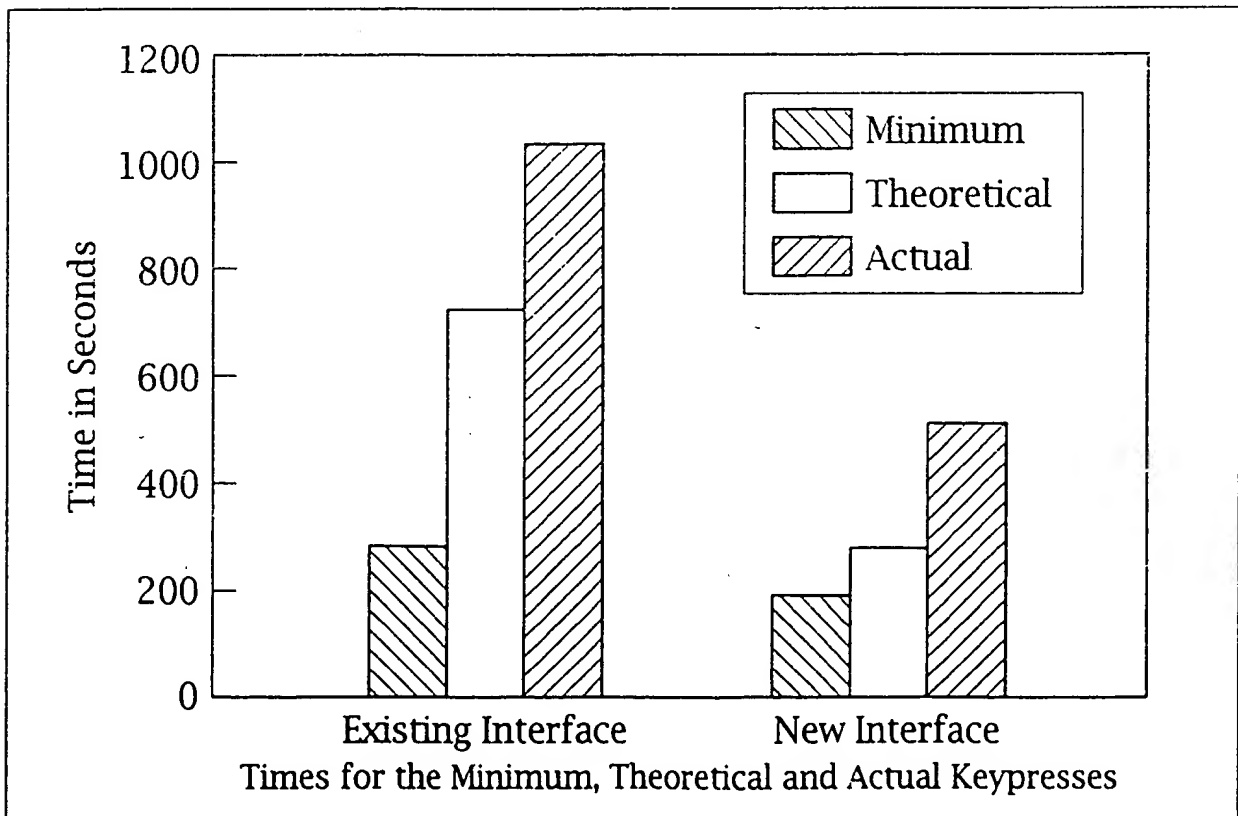
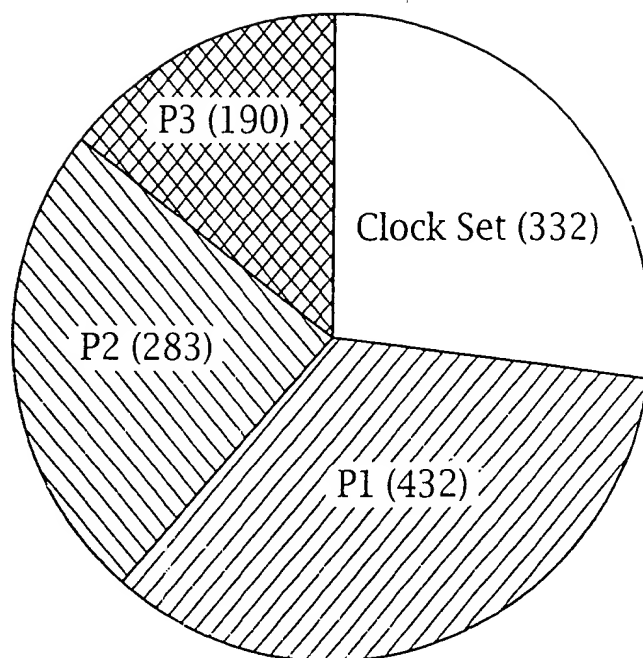


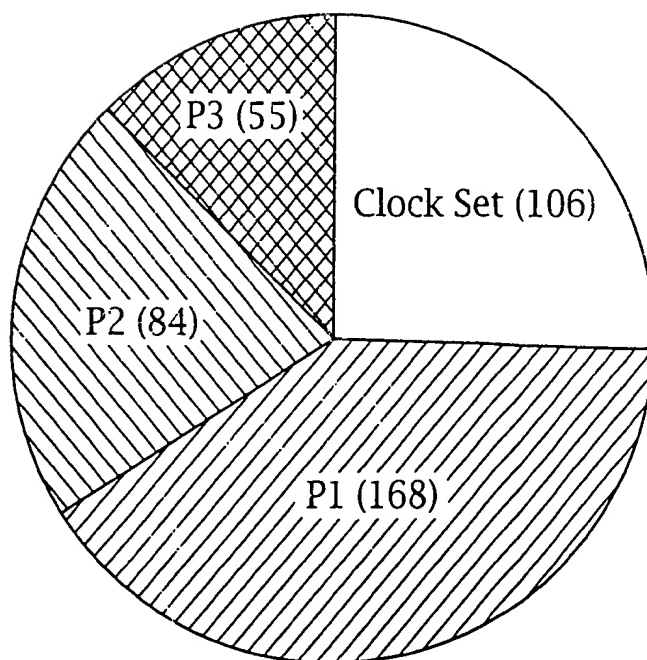
Fig. 11

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Existing Interface

Fig. 12a



New Interface

Fig. 12b

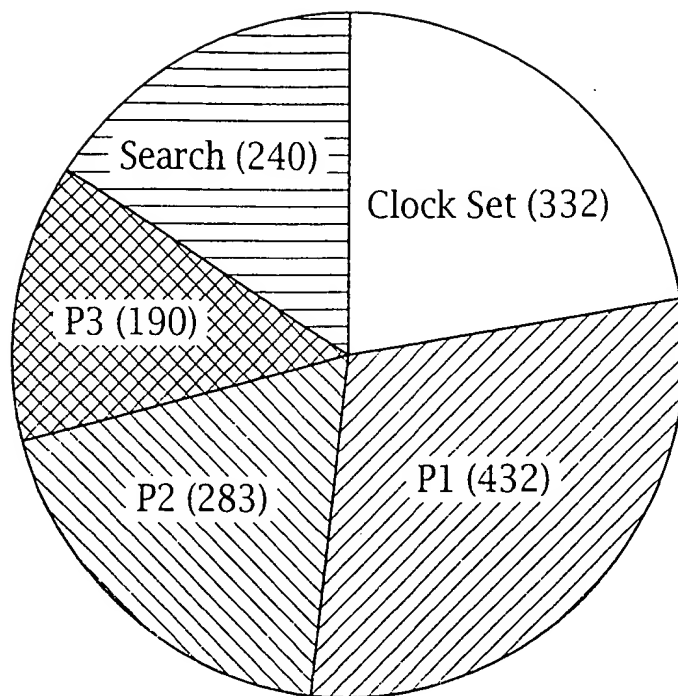


Fig. 13

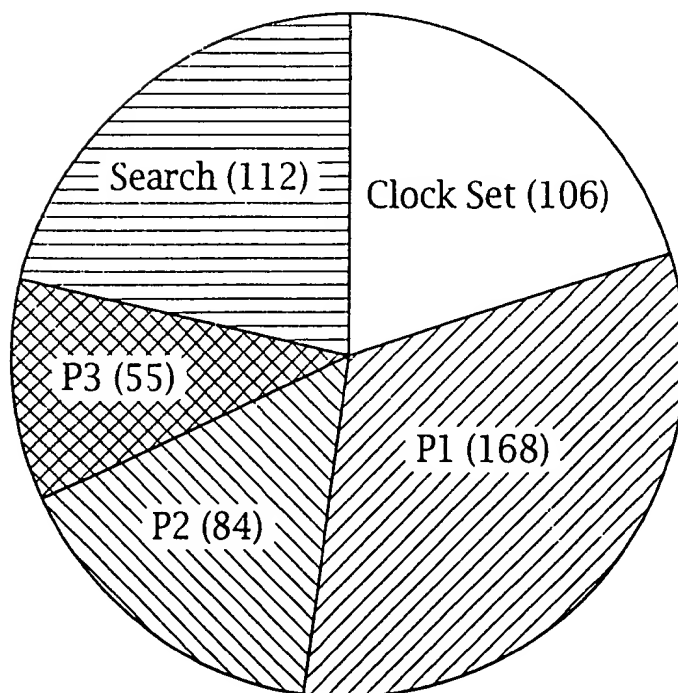


Fig. 14

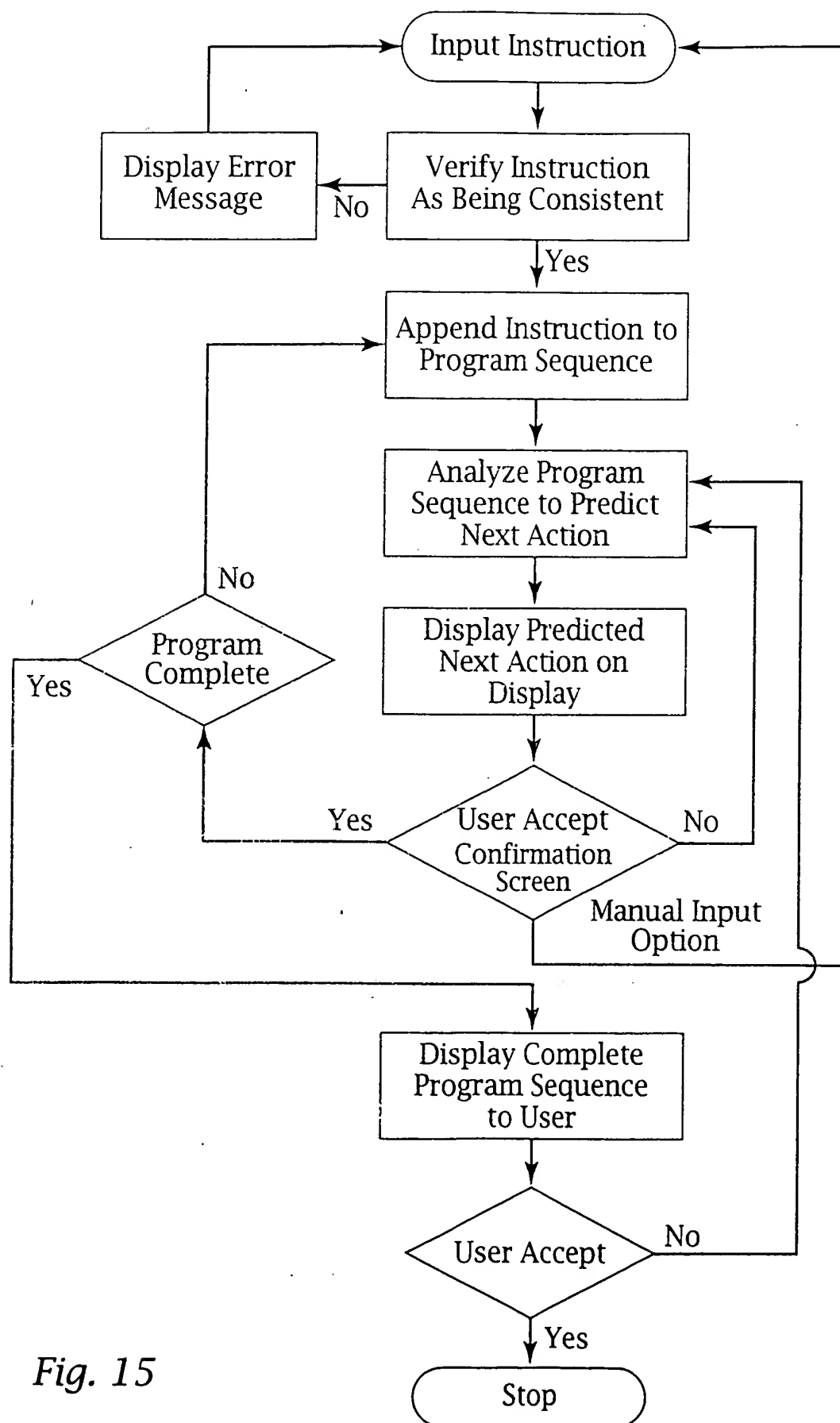


Fig. 15

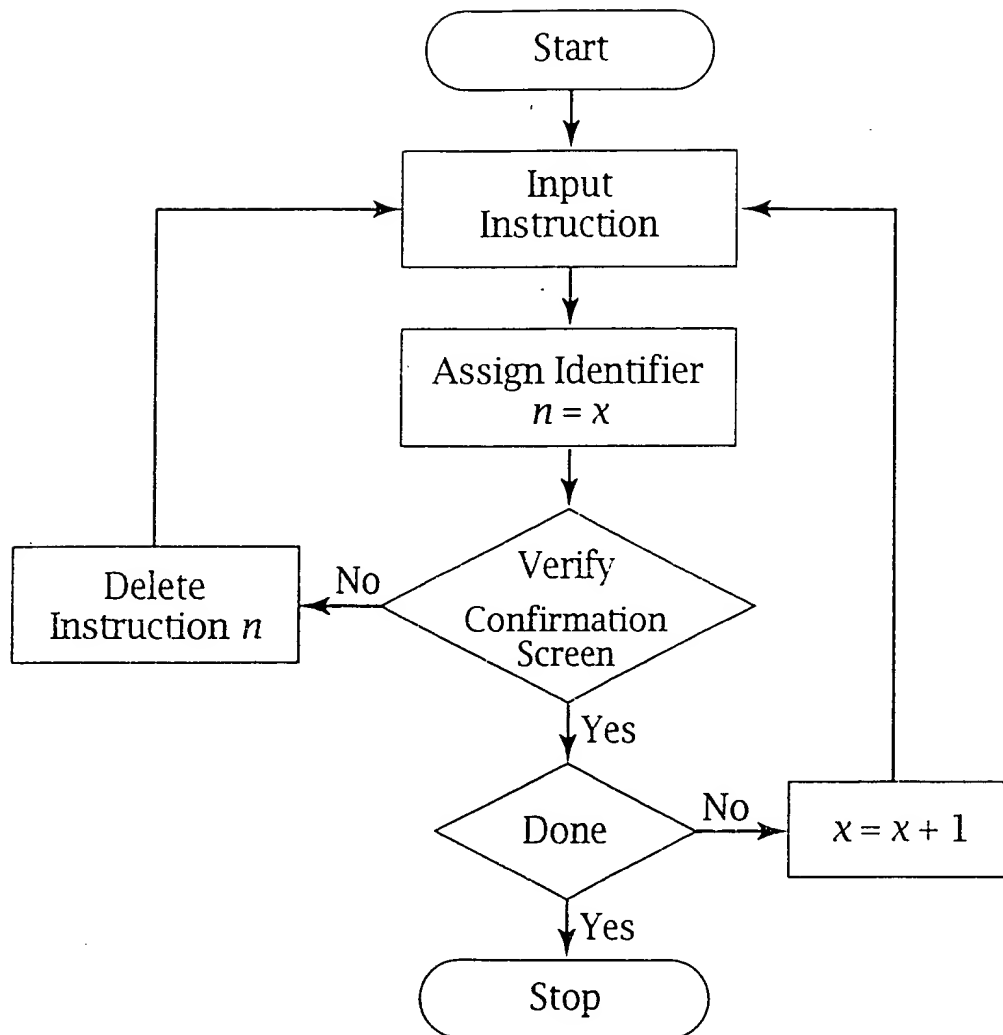


Fig. 16

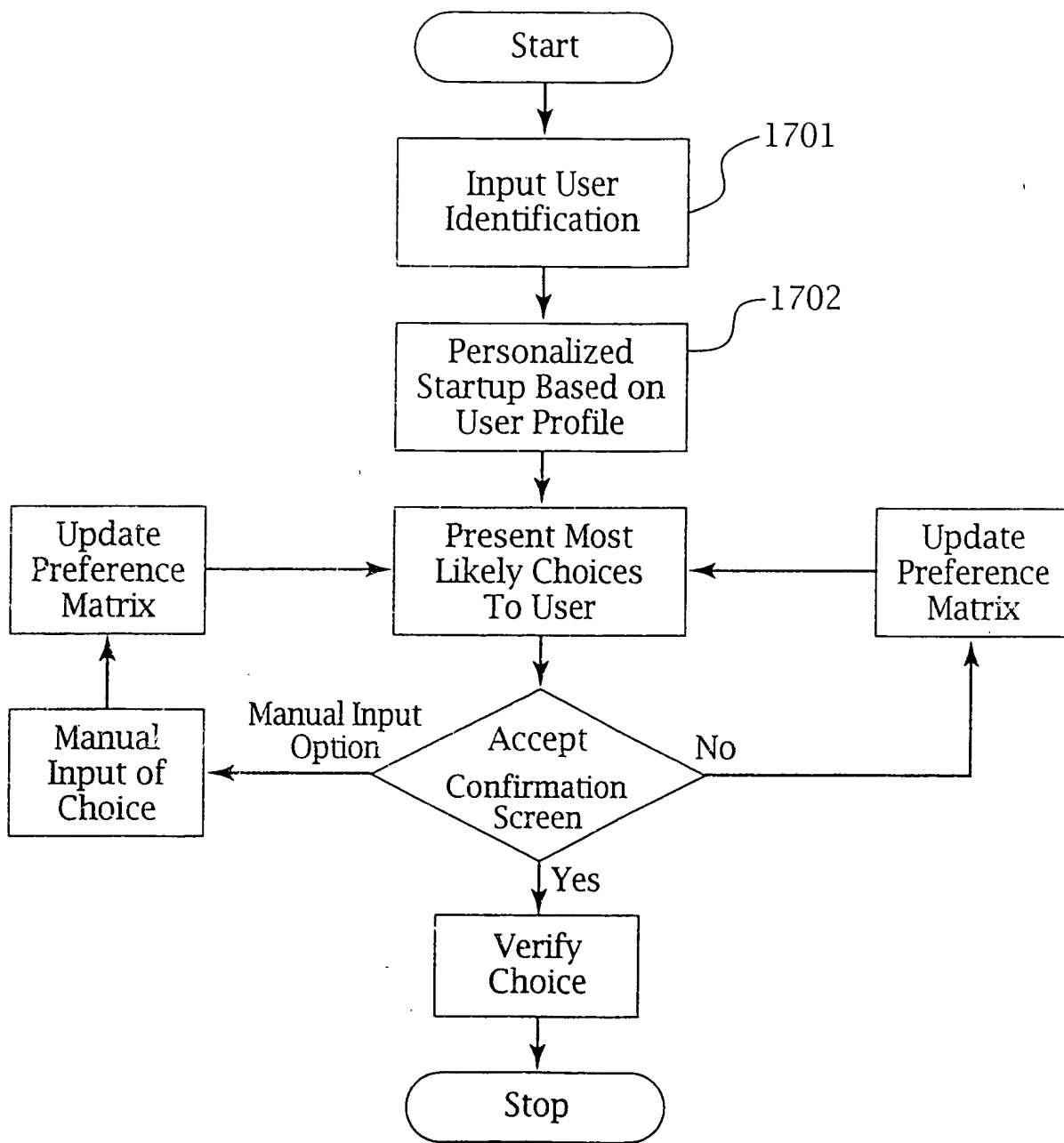


Fig. 17

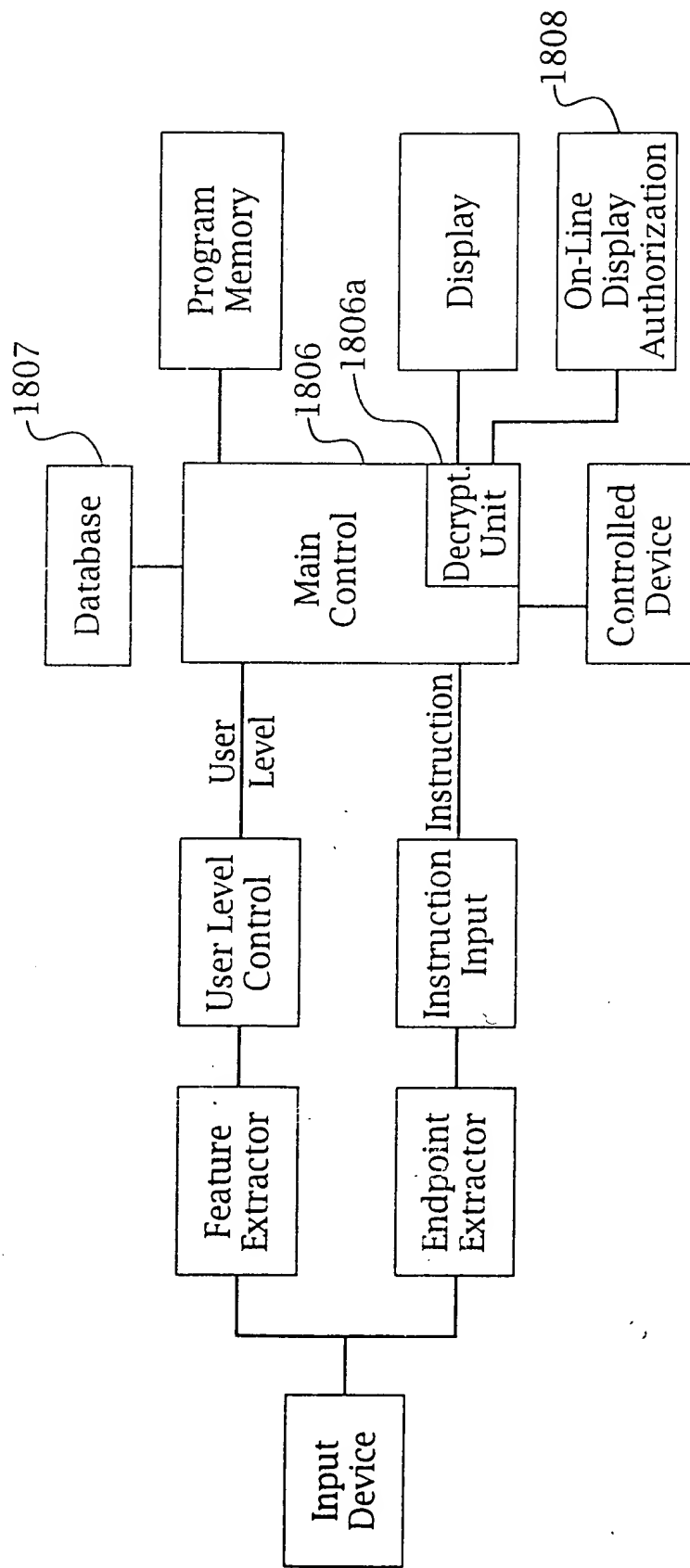


Fig. 18

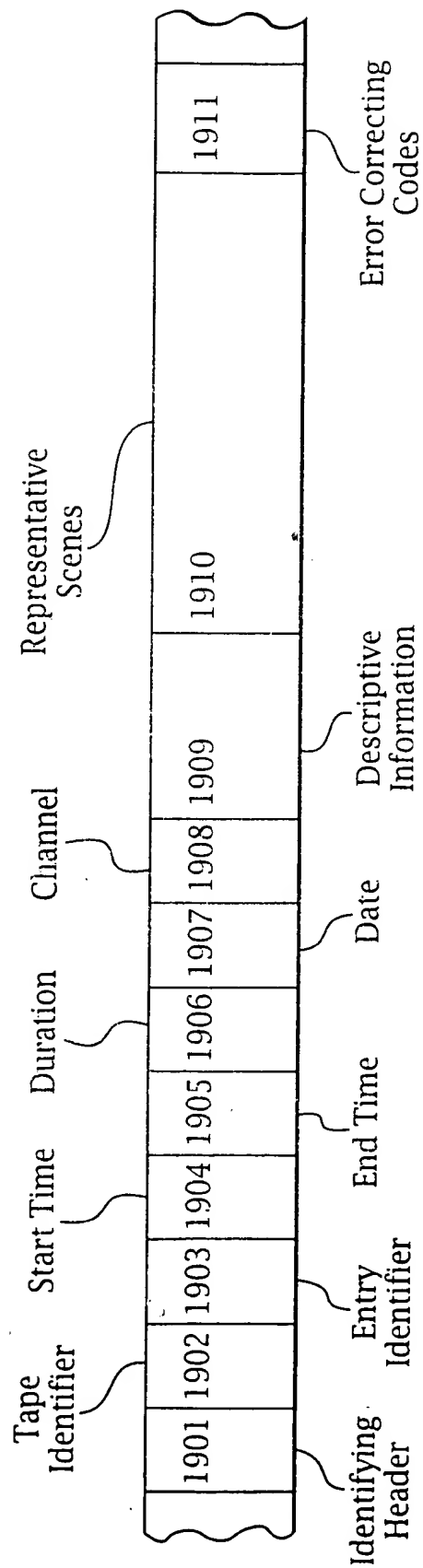


Fig. 19

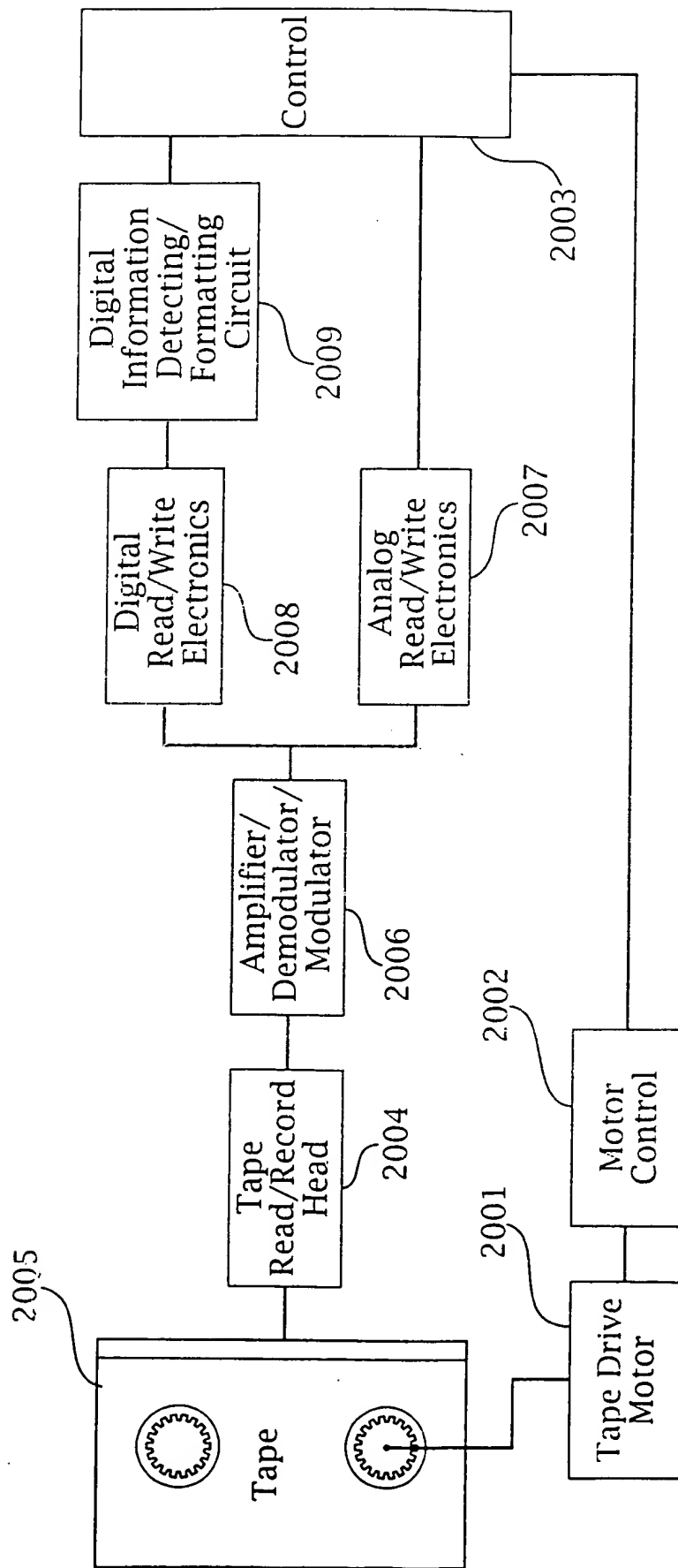


Fig. 20

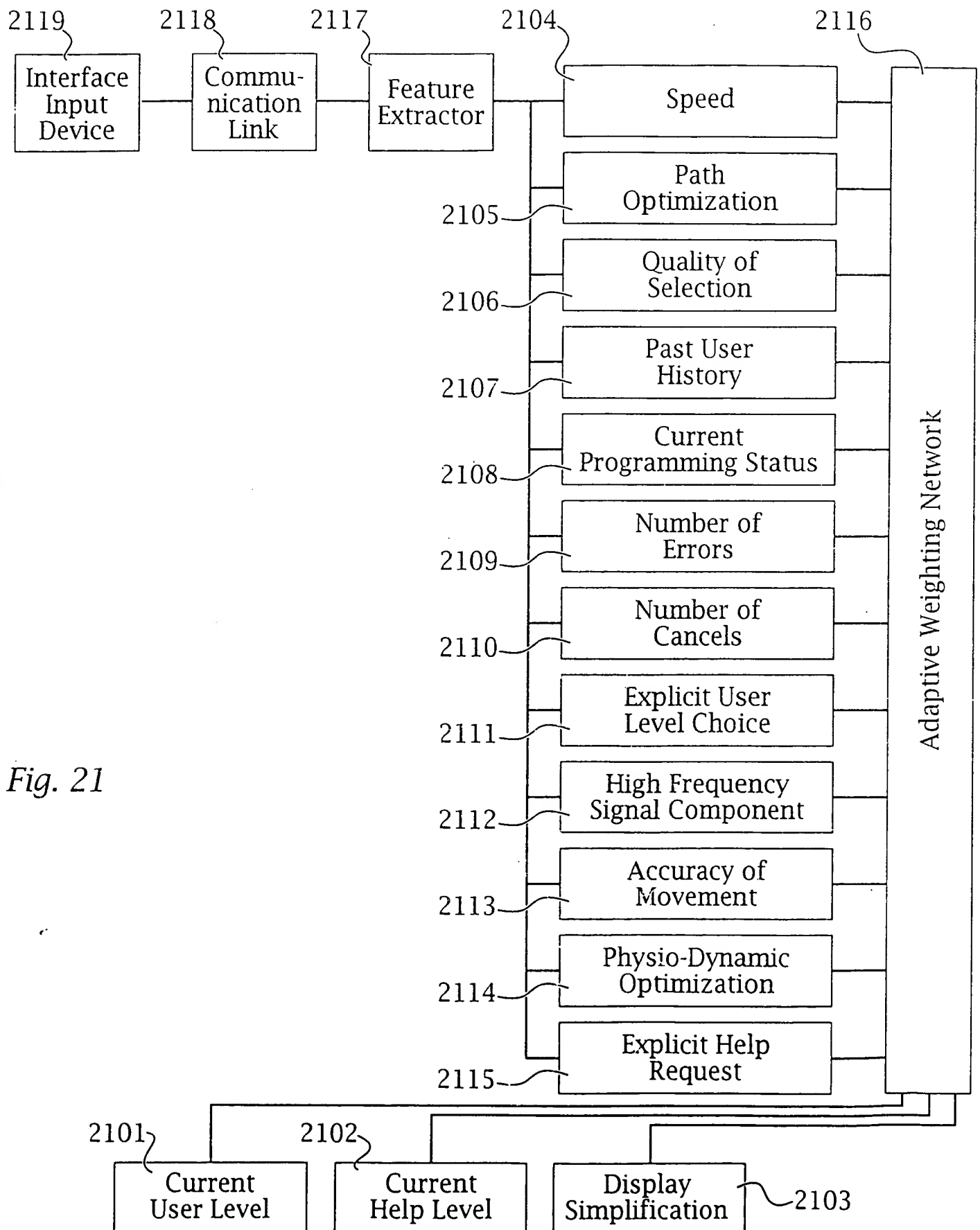


Fig. 21

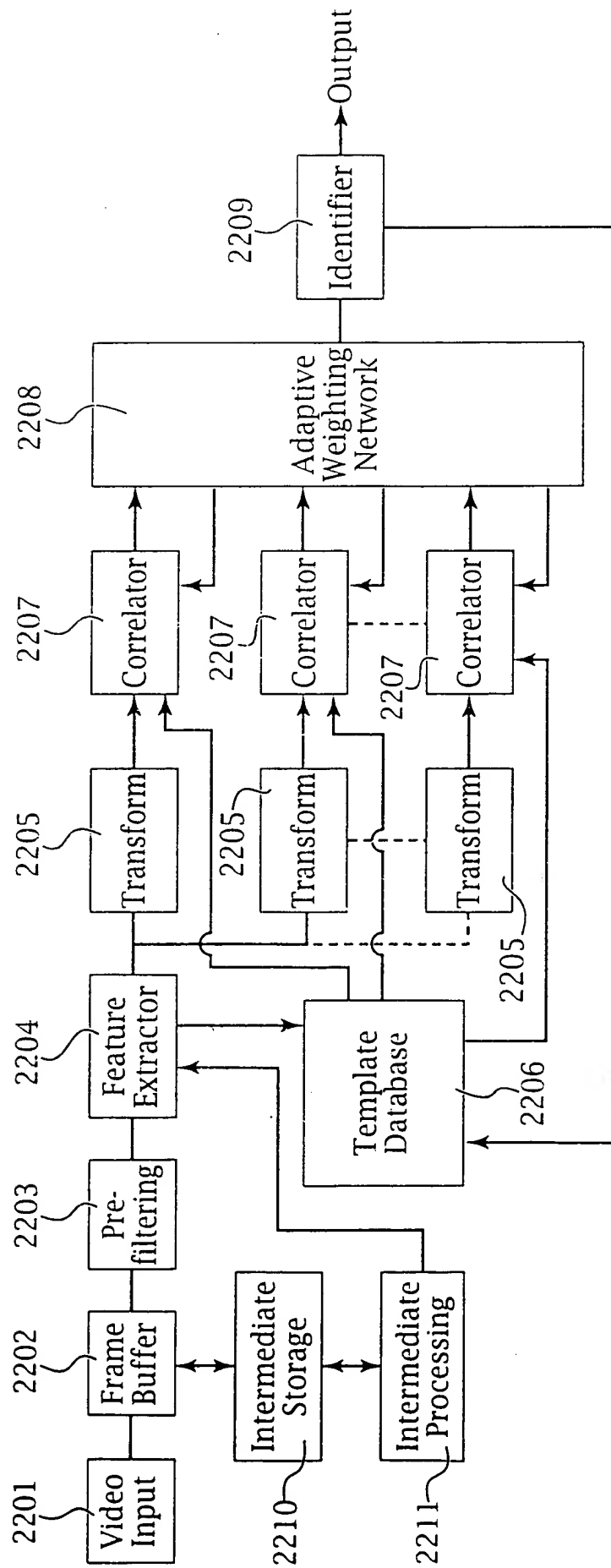


Fig. 22

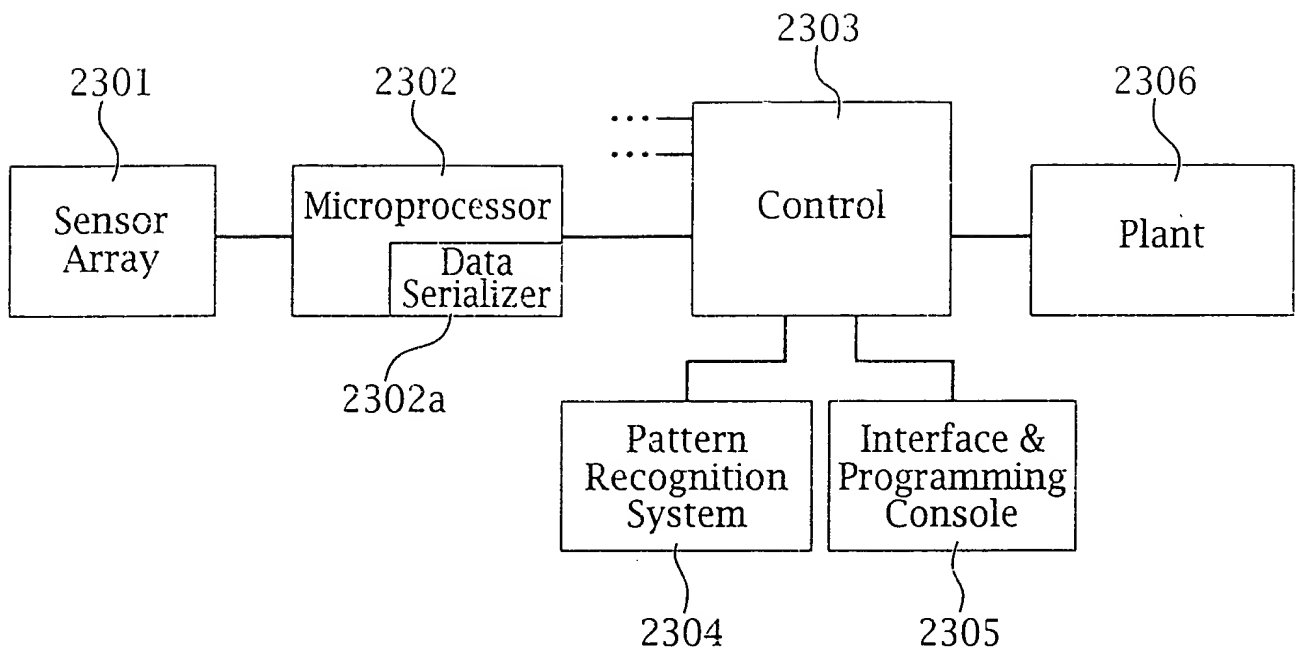


Fig. 23

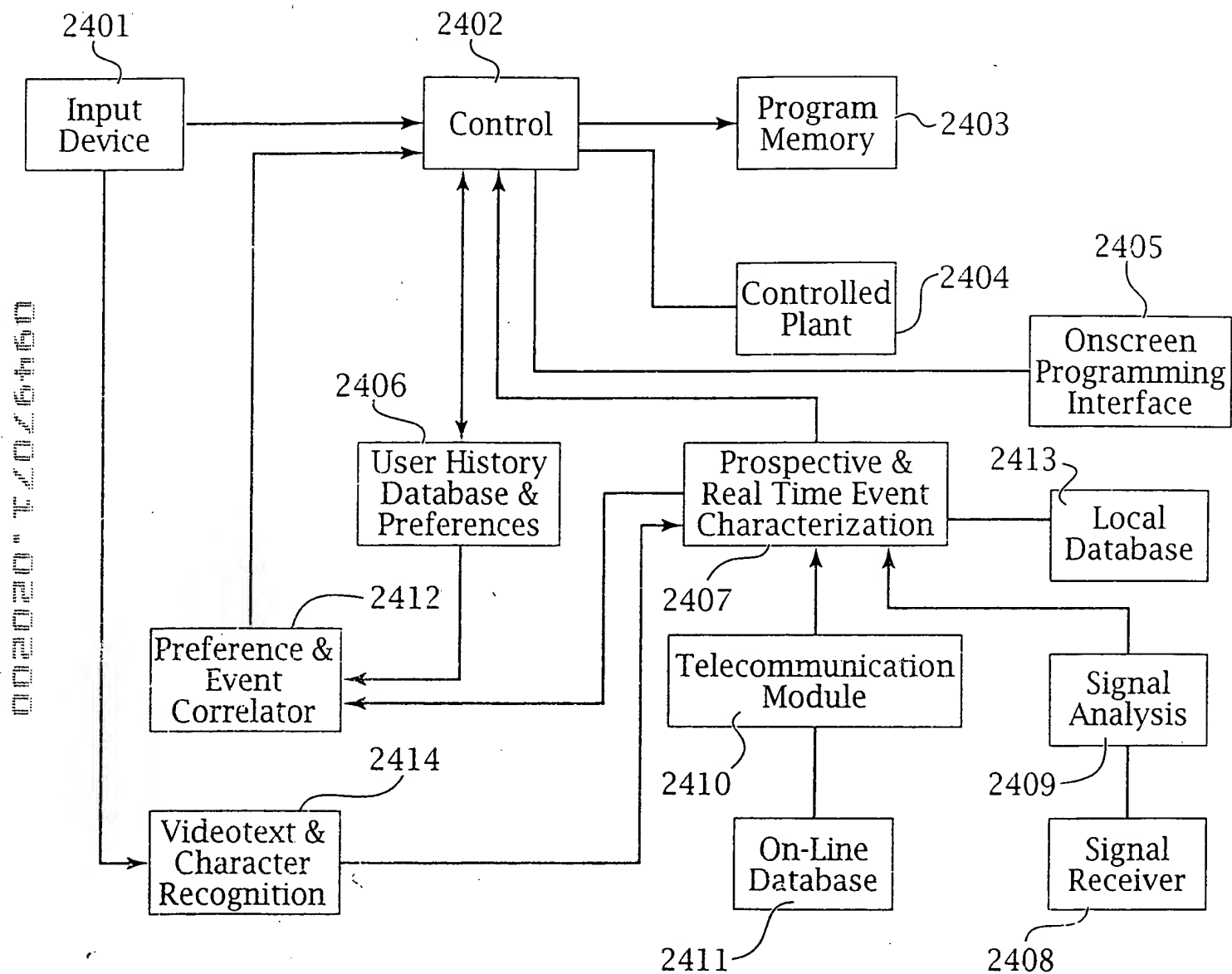


Fig. 24

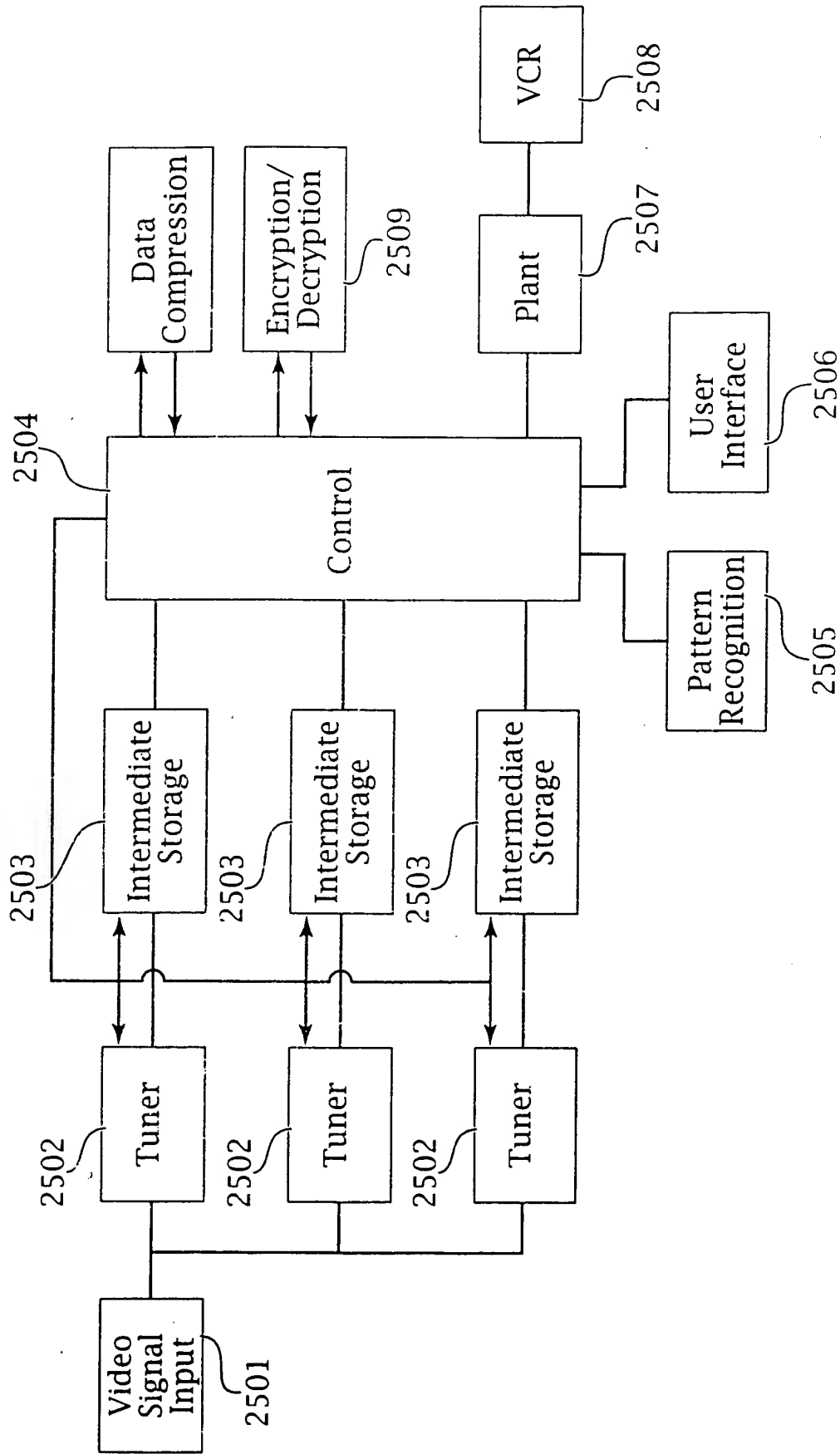


Fig. 25

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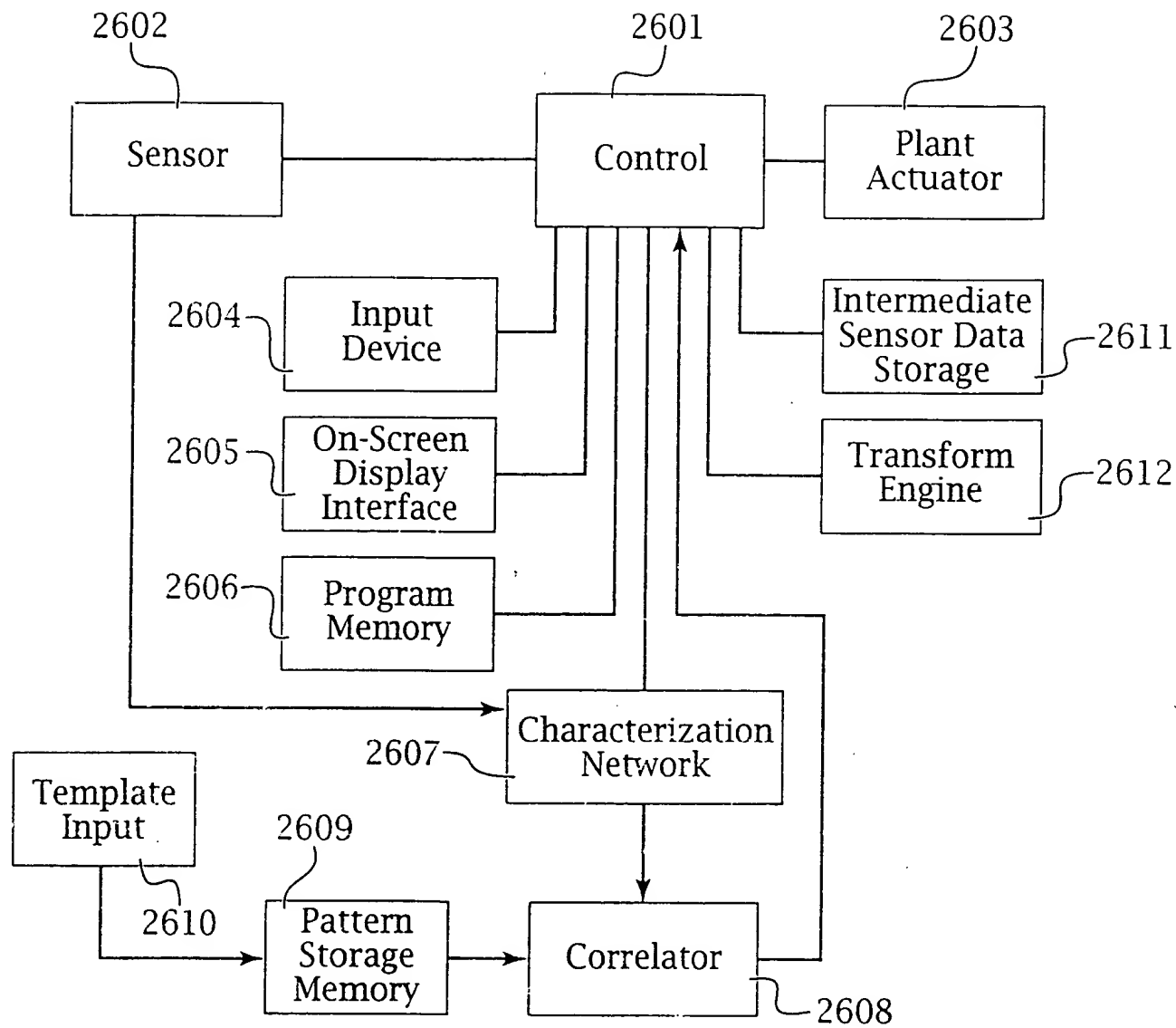


Fig. 26

002020-1-020200

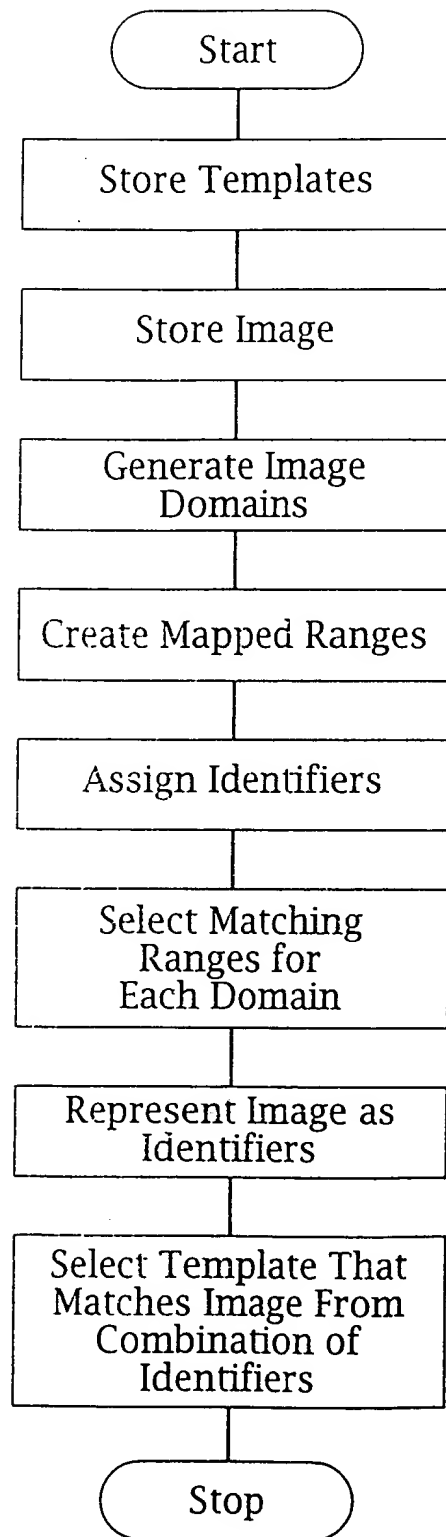


Fig. 27

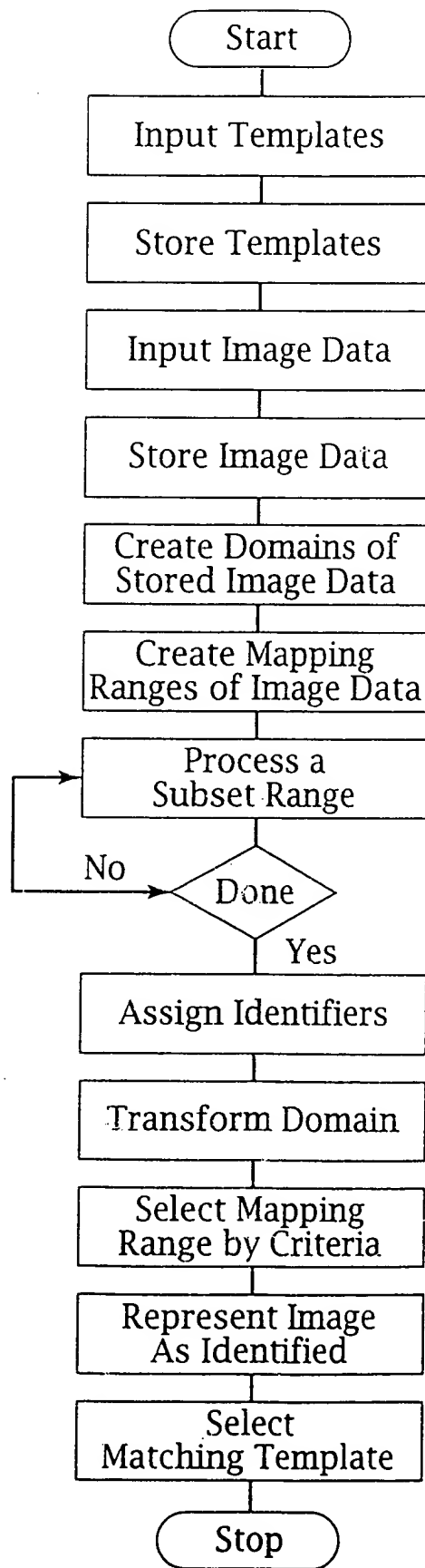


Fig. 28

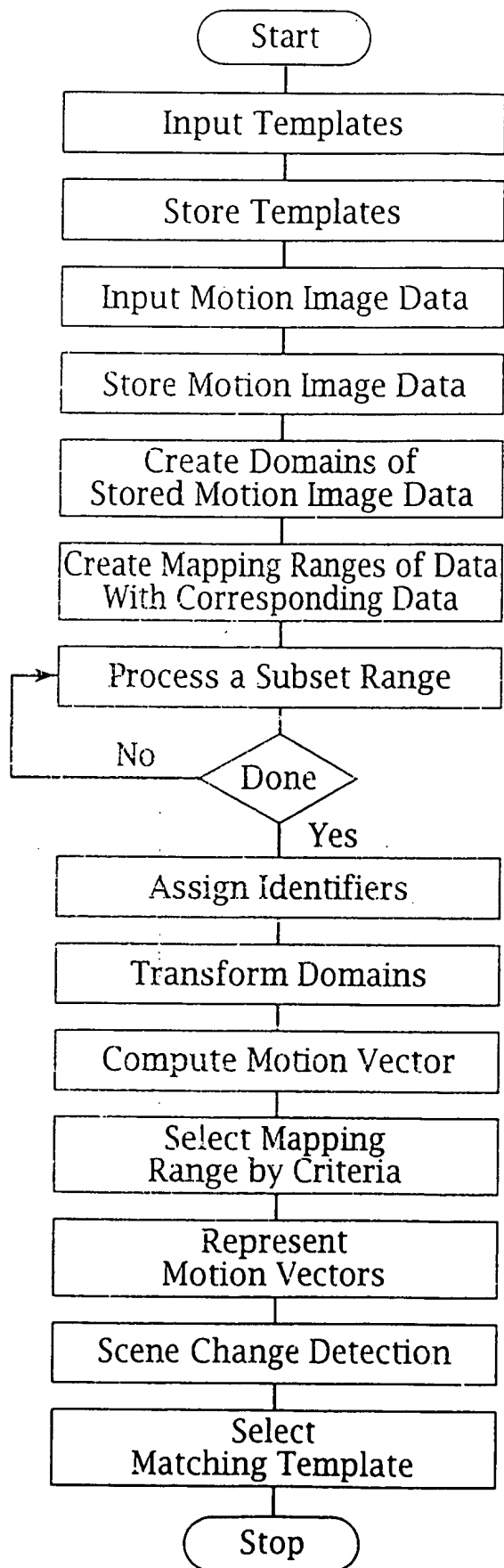


Fig. 29

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graph TD
    3001[3001 Input Image] --> 3002[3002 Window Around Object of Interest]
    3002 --> 3003[3003 Create First Range Mapping Region]
    3003 --> 3004[3004 Subtract]
    3004 --> 3005[3005 Transform and Subtract]
    3005 --> 3006[3006 Transform and Subtract]
    3006 --> 3007[3007 Error Small]
    3007 --> 3008[3008 Store Codes]
    3008 --> 3009[3009 Compare Codes With Templates]
    3009 --> 3010[3010 Correlation]
    3010 --> 3011[3011 Match Probability Maximization]
    3011 --> 3012[3012 Output Recognition]
  
```

3001 Input Image

3002 Window Around Object of Interest

3003 Create First Range Mapping Region

3004 Subtract

3005 Transform and Subtract

3006 Transform and Subtract

3007 Error Small

3008 Store Codes

3009 Compare Codes With Templates

3010 Correlation

3011 Match Probability Maximization

3012 Output Recognition

Fig. 30

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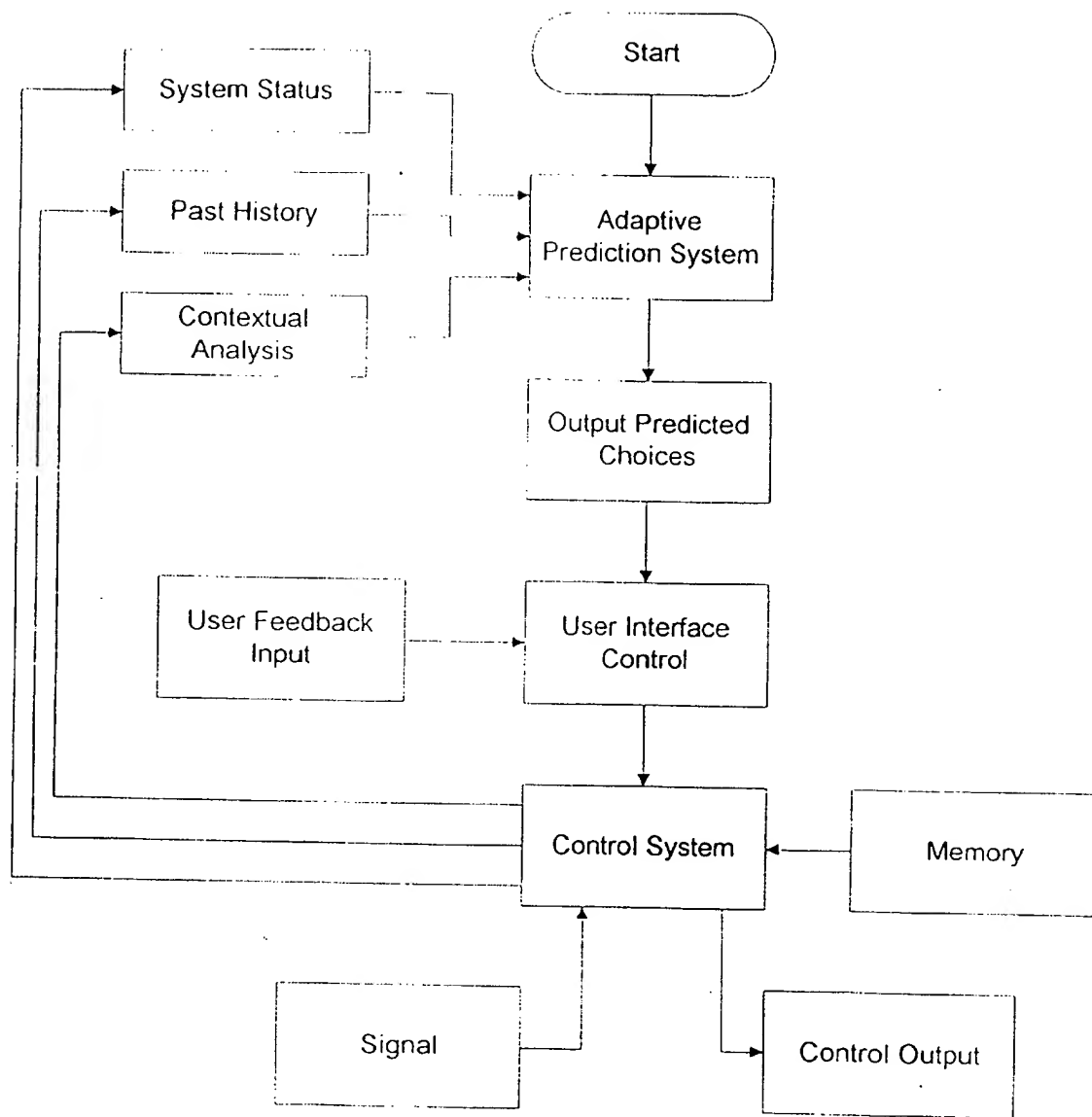


Fig. 31